



# Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL  
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 11339

Notice of

Construction No. 5755

Date MAR 30 1995

One AGC-Seattle Whole Tire Feed System for injecting whole tires as replacement fuel at the Calciner level of the Preheater Tower above the Kiln, which is controlled by an existing Baghouse.

GERALD BROWN

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ASH GROVE CEMENT COMPANY (E MARG.)  
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## INSTALLATION ADDRESS

ASH GROVE CEMENT COMPANY (E MARG.), 3801 E MARGINAL WY S, SEATTLE, WA, 98134

## THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Ash Grove shall limit the injection of whole tires as waste fuel substitutes for the kiln system to fuels that are non-hazardous as defined by WAC 173-303-515, Special Requirements for Used Oil Burned for Energy Recovery, or by WAC 173-303-090, Dangerous Waste Characteristics, as appropriate.
5. Ash Grove shall limit the amount of whole tires injected as non-hazardous waste fuel substitute on a daily average, to no more than 30% by weight of the fuel consumption of the kiln system.
6. Ash Grove shall submit a Fuel Monitoring Plan for injection of whole tires within 30 days after this approval. The Plan shall contain the method for verifying compliance of Condition No. 5 and the replacement fuel composition (i.e., Btu content, % ash, etc.)
7. Ash Grove shall submit an Emission Monitoring Plan within 30 days after this approval. The Plan shall contain the following elements:
  - (a) Measurement methods, analytical procedure and testing dates for demonstrating compliance with the requirements of this Order of Approval and Order of Approval No. 5730.
  - (b) The source test methods shall include: EPA Method 5 or EPA Method 201A (particulate); EPA Method 23 (semi-volatile organic compounds); EPA Method 25A (total hydrocarbons); EPA Method 26 (chlorides, fluorides, ammonium and metals); and EPA Method TO-14 (volatile organic compounds).
  - (c) Ash Grove shall conduct the source tests within 60 days of injection of whole tires and submit results within 60 days of testing, including information verifying Condition No. 5 above.
  - (d) A verification based on actual emissions measurements that the main stack emissions do not cause a violation of the ambient air quality standards in Regulation I, Article 11, or cause ambient levels above the ASILs listed in Regulation III, Appendix A.

FREDRICK L. AUSTIN P.E.  
Reviewing Engineer  
MEJ

JAY M. WILLENBERG  
Reviewing Engineer

for DENNIS J. McLERRAN  
Air Pollution Control Officer